PATENT ABSTRACTS OF JAPAN

(11)Publication number :   09-044216

(43)Date of publication of application : 14.02.1997

| (51)Int.Cl. | G05B 19/05 |
| | F02D 45/00 |

(21)Application number : 07-195519

(22)Date of filing :   31.07.1995
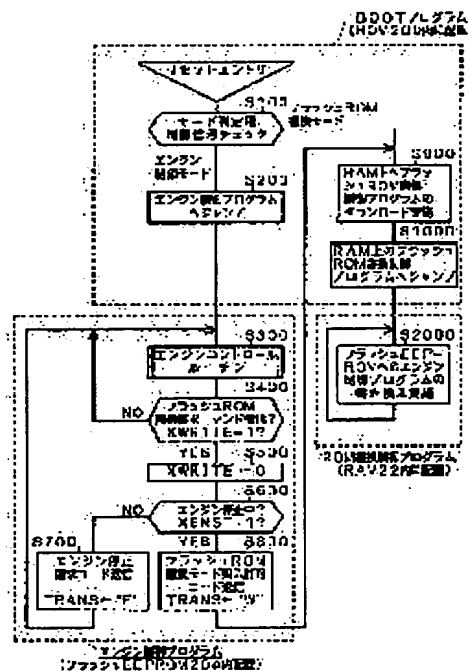
(71)Applicant : DENSO CORP

(72)Inventor : HAYASHI SHINNOSUKE

SHIBATA HIROSHI

(54) MACHINE CONTROLLER

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a machine controller which starts rewriting a program, etc., without causing an unexpected driving state even if a machine is in a driving state when the program, etc., is rewritten.

SOLUTION: When it is decided that an engine is rotating (S600), a request to stop the engine is sent to a memory rewriting machine (S700) and an engine control routine (S300) is not rewritten. When an operator stops the engine and the memory rewriting machine makes a request to rewrite again, a rewriting control program is received from the memory rewriting machine (S900) right after a step S800, and the program is executed (S1000 and S2000). Then a new engine control routine (S300) is started by resetting. Therefore, the engine is at a stop both when the program is rewritten and when it is restarted, so the mechanism of an automobile never enters an unexpected driving state even when control program data are altered.

LEGAL STATUS

[Date of request for examination]   20.04.2000

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]   3109413

[Date of registration]   14.09.2000

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]